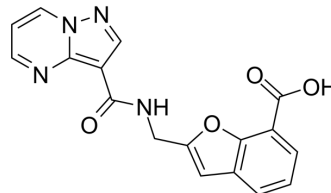


STING agonist-7

Cat. No.:	HY-143896
CAS No.:	2767442-46-4
Molecular Formula:	C ₁₇ H ₁₂ N ₄ O ₄
Molecular Weight:	336.3
Target:	STING
Pathway:	Immunology/Inflammation
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 62.5 mg/mL (185.85 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.9735 mL	14.8677 mL	29.7354 mL
	5 mM	0.5947 mL	2.9735 mL	5.9471 mL
	10 mM	0.2974 mL	1.4868 mL	2.9735 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

STING agonist-7 is a non-nucleotide STING agonist. STING agonist-7 binds selectively to mouse STING but not human STING. STING agonist-7 penetrates cell membrane poorly^[1].

In Vitro

STING agonist-7 (compound 11) is active in biochemical assays but inactive in cellular reporter assays^[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Emily C Cherney, et al. Discovery of Non-Nucleotide Small-Molecule STING Agonists via Chemotype Hybridization. J Med Chem. 2022 Feb 24;65(4):3518-3538.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA